D HIS

(FILE 'USPAT' ENTERED AT 10:27:53 ON 11 APR 94)
L1   7467 S DATA(W)BASE OR DATABASE
L2   2940 S L1 AND NETWORK
L3   1676 S L2 AND RECORD#
L4   787 S L3 AND USERS
L5   611 S L4 AND (GROUP# OR SUBSET#)
L6   98257 S (GROUP# OR SUBGROUP# OR SUBSET#)/TI,AB
L7   73 S L5 AND L6

=> D 1-25

1. 5,287,498, Feb. 15, 1994, Message transmitting system wherein recipient site is determined using information concerning the relationship between the sender and recipient sites; Roberto Perelman, et al., 395/600; 364/260, 282.4, 284, 284.3, DIG.1; 395/200 [IMAGE AVAILABLE]   _DATE_

2. 5,287,354, Feb. 15, 1994, Data protocol and monitoring system for RF trunking multisite switch global serial channel; James L. Teel, Jr., et al., 370/85.7, 85.11, 85.9 [IMAGE AVAILABLE]

3. 5,283,897, Feb. 1, 1994, Semi-dynamic load balancer for periodically reassigning new transactions of a transaction type from an overload processor to an under-utilized processor based on the predicted load thereof; Leonidas Georgiadis, et al., 395/650; 364/281, 281.3, 281.4, 281.5, 281.6, 975.5, DIG.1, DIG.2; 395/800 [IMAGE AVAILABLE]

4. 5,280,251, Jan. 18, 1994, Continuity analysis system with graphic wiring display; Christopher E. Strangio, 324/539, 66, 133 [IMAGE AVAILABLE]

5. 5,278,539, Jan. 11, 1994, Alerting and warning system; Lyn Lauterbach, et al., 340/539, 502, 531; 379/40, 49; 455/7, 13.1, 33.1 [IMAGE AVAILABLE]

6. RE 34,429, Nov. 2, 1993, Interactive facsimile system and method of information retrieval; Paul Baran, et al., 379/100; 358/468 [IMAGE AVAILABLE]

7. 5,255,086, Oct. 19, 1993, Method and apparatus for RF data transfer in a CATV system; Jay C. McMullan, Jr., et al., 348/12; 455/6.1 [IMAGE AVAILABLE]

8. 5,247,571, Sep. 21, 1993, Area wide centrex; William A. Kay, et al., 379/207; 370/60.1; 379/112, 212, 230 [IMAGE AVAILABLE]

9. 5,241,645, Aug. 31, 1993, Computer system for creating and manipulating   subsets   of dynamic information systems models; John J. Cimral, et al., 395/500; 364/578, 974.1, 974.5, DIG.2; 395/600 [IMAGE AVAILABLE]   _DATE_

10. 5,237,682, Aug. 17, 1993, File management system for a computer; Edward J. Bendert, et al., 395/600; 364/245, 246, 282.2, DIG.1 [IMAGE AVAILABLE]

11. 5,212,771, May 18, 1993, System for establishing concurrent high level and low level processes in a diagram window through process explosion and implosion subsystems; Christopher P. Gane, et al., 395/160;

364/137, 488, 927.2, 948.22, DIG.2; 395/155 [IMAGE AVAILABLE]

12. 5,189,734, Feb. 23, 1993, Cellular radio system; Alister J. Bailey, et al., 455/33.2; 379/60; 455/56.1 [IMAGE AVAILABLE]

13. 5,181,200, Jan. 19, 1993, Handoff method and apparatus for mobile wireless workstation; Colin G. Harrison, 370/85.1; 340/825.44; 370/13, 95.1; 455/33.2, 54.1, 54.2, 56.1 [IMAGE AVAILABLE]

14. 5,168,533, Dec. 1, 1992, Hierarchical presearch type text search method and apparatus and magnetic disk unit used in the apparatus; Kanji Kato, et al., 382/54 [IMAGE AVAILABLE]

15. 5,168,446, Dec. 1, 1992, System for conducting and processing spot commodity transactions; James W. Wiseman, 364/408; 340/825.26 [IMAGE AVAILABLE]

16. 5,136,686, Aug. 4, 1992, Non-linear genetic algorithms for solving problems by finding a fit composition of functions; John R. Koza, 395/13 [IMAGE AVAILABLE]

17. 5,124,912, Jun. 23, 1992, Meeting management device; Brock Hotaling, et al., 364/401; 40/107; 364/407 [IMAGE AVAILABLE]

18. 5,113,496, May 12, 1992, Bus interconnection structure with redundancy linking plurality of groups of processors, with servers for each group mounted on chassis; Karl W. McCalley, et al., 395/200; 340/825.03, 827; 364/222.2, 222.3, 227.1, 228.3, 229, 229.5, 236.2, 237.2, 237.3, 237.8, 238, 238.3, 239, 239.8, 239.9, 240, 240.2, 241.9, 242.4, 242.94, 242.96, 248.1, 260, 260.2, 263.1, 268, 268.3, 268.7, 268.9, 271, 271.4, 282.1, 284, 284.2, 284.3, 919, 931.43, 940.68, DIG.1; 371/8.2, 11.2 [IMAGE AVAILABLE]

19. 5,109,515, Apr. 28, 1992, User and application program transparent resource sharing multiple computer interface architecture with kernel process level transfer of user requested services; George E. Laggis, et al., 395/725; 364/232.3, 235, 239, 241.9, 242.6, 242.7, 242.94, 247, 248.1, 253, 253.2, 254, 254.5, 265, 280, 280.2, 280.6, 280.9, 281.3, 284, DIG.1 [IMAGE AVAILABLE]

20. 5,109,384, Apr. 28, 1992, Guaranteed reliable broadcast network ; Lawrence C. N. Tseung, 371/32; 340/825.15; 395/575 [IMAGE AVAILABLE]

21. 5,099,510, Mar. 24, 1992, Teleconferencing with bridge partitioning and other features; Robert J. Blinken, Jr., et al., 379/202, 204 [IMAGE AVAILABLE]

22. 5,077,665, Dec. 31, 1991, Distributed matching system; David L. Silverman, et al., 364/408, 401 [IMAGE AVAILABLE]

23. 5,067,154, Nov. 19, 1991, Terminal management method and apparatus; Yoshiyuki Hosobuchi, et al., 380/25, 24 [IMAGE AVAILABLE]

24. 5,060,255, Oct. 22, 1991, Telecommunications system with timed-do-not-disturb; James L. Brown, 379/67, 88, 188, 197, 201, 211, 214 [IMAGE AVAILABLE]

25. 5,047,918, Sep. 10, 1991, File management system; Mayer D. Schwartz, et al., 395/600; 364/282.1, 282.3, 283.1, 286 [IMAGE AVAILABLE]

26. 5,042,064, Aug. 20, 1991, Call control strategy for high capacity telecommunication services; Li-Jin W. Chung, et al., 379/113, 243 [IMAGE AVAILABLE]

27. 5,036,518, Jul. 30, 1991, Guaranteed reliable broadcast   network ; Lawrence C. N. Tseung, 371/32; 340/825.5; 364/222.2, 227.2, 231, 240.8, 240.9, 241.8, 242.94, 242.95, 260.81, 265, 265.1, 280, 281.3, 281.4, 281.7, 282.1, 282.2, 284, 284.3, 284.4, 285, 285.4, 286.4, 286.5, DIG.1; 370/94.3; 395/600 [IMAGE AVAILABLE]

28. 4,995,035, Feb. 19, 1991, Centralized management in a computer network ; Leo J. Cole, et al., 370/95.2; 340/825.08, 825.5; 370/85.8, 94.1 [IMAGE AVAILABLE]

29. 4,977,582, Dec. 11, 1990, Synchronization of non-continuous digital bit streams; Robert K. Nichols, et al., 375/118; 370/108 [IMAGE AVAILABLE]

30. 4,958,341, Sep. 18, 1990, Integrated packetized voice and data switching system; Jayant G. Hemmady, et al., 370/60.1 [IMAGE AVAILABLE]

31. 4,949,373, Aug. 14, 1990, Host load balancing; William T. Baker, Jr., et al., 379/96, 202, 212, 216, 266 [IMAGE AVAILABLE]

32. 4,942,574, Jul. 17, 1990, Concurrent resource request resolution mechanism; Bruce R. Zelle, 370/85.15; 340/825.5; 370/85.6 [IMAGE AVAILABLE]

33. 4,926,496, May 15, 1990, Method and apparatus for infrequent radio users to simply obtain emergency assistance; Robert E. Cole, et al., 455/77; 370/95.1; 379/63; 455/17, 34.1, 54.1 [IMAGE AVAILABLE]

34. 4,926,495, May 15, 1990, Computer aided dispatch system; Richard A. Comroe, et al., 455/54.2; 340/825.06; 370/85.1 [IMAGE AVAILABLE]

35. 4,922,486, May 1, 1990, User to   network   interface protocol for packet communications networks; William P. Lidinsky, et al., 370/60; 340/825.34; 370/94.1 [IMAGE AVAILABLE]

36. 4,920,483, Apr. 24, 1990, A computer memory for accessing any word-sized group of contiguous bits; Michael A. Pogue, et al., 395/425; 364/238.3, 238.6, 238.7, 242.6, 242.94, 244, 244.5, 254, 254.9, 270, 280, 280.6, DIG.1 [IMAGE AVAILABLE]

37. 4,914,583, Apr. 3, 1990, Method of indicating processes resident within a cell of a data processing system; Bernhard P. Weisshaar, et al., 395/650; 364/228.2, 229, 232.1, 239, 239.3, 240.8, 241.8, 242.94, 242.95, 246.6, 246.7, 260, 260.3, 268, 269.4, 280, 280.6, 281.3, 281.7, 281.8, 284, 284.1, 284.3, 284.4, DIG.1 [IMAGE AVAILABLE]

38. 4,899,333, Feb. 6, 1990, Architecture of the control of a high performance packet switching distribution   network ; Gary A. Roediger, 370/60, 94.1 [IMAGE AVAILABLE]

39. 4,897,874, Jan. 30, 1990, Metropolitan area   network   arrangement for serving virtual data networks; William P. Lidinsky, et al., 380/3;

D HIS

(FILE 'USPAT' ENTERED AT 09:15:49 ON 12 APR 94)
L1   7502 S DATA(W)BASE OR DATABASE
L2   2959 S L1 AND NETWORK
L3   1685 S L2 AND RECORD#
L4   794 S L3 AND USERS
L5   283 S L4 AND (INDEX)
L6   60 S L5 AND RELATIONAL
L7   30 S L6 AND DISTRIBUTED

=> D 1-15

1. 5,283,894, Feb. 1, 1994, Lockless concurrent B-tree index meta
access method for cached nodes; Roger L. Deran, 395/600; 364/282.1,
282.4, 283.4, DIG.1 [IMAGE AVAILABLE]

2. 5,276,867, Jan. 4, 1994, Digital data storage system with improved
data migration; Gregory Kenley, et al., 395/600; 364/222.81, 243.4, 246,
246.1, 285, 285.1, DIG.1; 395/425 [IMAGE AVAILABLE]

3. 5,200,993, Apr. 6, 1993, Public telephone network including a
distributed imaging system; Barbara L. Wheeler, et al., 379/96;
358/402, 442; 379/100 [IMAGE AVAILABLE]

4. 5,185,857, Feb. 9, 1993, Method and apparatus for multi-optional
processing, storing, transmitting and retrieving graphical and tabular
data in a mobile transportation distributable and/or networkable
communications and/or data processing system; A. Martin Rozmanith, et
al., 395/148, 147 [IMAGE AVAILABLE]

5. 5,179,652, Jan. 12, 1993, Method and apparatus for storing,
transmitting and retrieving graphical and tabular data; A. Martin
Rozmanith, et al., 395/155, 148 [IMAGE AVAILABLE]

6. 5,146,590, Sep. 8, 1992, Method for sorting using approximate key
distribution in a distributed system; Raymond A. Lorie, et al.,
395/600; 364/228.2, 229, 252.3, 253.1, 256.4, 281.3, 281.7, 282.1, 282.2,
282.4, 283.1, 283.4, DIG.1, DIG.2 [IMAGE AVAILABLE]

7. 5,132,900, Jul. 21, 1992, Method and apparatus for limiting
manipulation of documents within a multi-document relationship in a data
processing system; Frank W. Gilchrist, et al., 364/419.19 [IMAGE
AVAILABLE]

8. 5,065,338, Nov. 12, 1991, Expert information system and method for
decision record generation; Clarence W. Phillips, et al., 395/51, 11,
54 [IMAGE AVAILABLE]

9. 5,050,088, Sep. 17, 1991, Production control system and method;
Andrew J. Buckler, et al., 364/468, 474.11, 478 [IMAGE AVAILABLE]

10. 5,047,925, Sep. 10, 1991, Logical ring in a virtual single machine;
Andrew I. Kun, et al., 395/200; 364/228.2, 240.8, 242.94, 242.95, 260,
260.2, 280, 281.3, 284, 284.3, 284.4, DIG.1 [IMAGE AVAILABLE]

11. 5,021,949, Jun. 4, 1991, Method and apparatus for linking an SNA
host to a remote SNA host over a packet switched communications
network ; Richard M. Morten, et al., 395/200; 364/228.2, 228.4, 228.5,
28.6, 229, 240, 240.7, 240.8, 242.4, 242.5, 242.6, 242.91, 242.92,

242.93, 242.94, 242.95, 242.96, 284, 284.4, DIG.1; 370/60, 94.1 [IMAGE AVAILABLE]

12. 5,014,192, May 7, 1991, System for locating a file in a logical ring by sequentially forwarding access request with file system name and file name; Bruce M. Mansfield, et al., 395/600; 340/825.05; 364/222.81, 232.1, 240.8, 241.1, 242.95, 280, 280.6, 281.3, 281.7, 281.8, 284, 284.4, 285, 286, DIG.1; 370/85.5; 395/425 [IMAGE AVAILABLE]

13. 5,010,478, Apr. 23, 1991, Entity-attribute value database system with inverse attribute for selectively relating two different entities; Roger L. Deran, 395/600; 364/222.81, 222.82, 236.8, 237.2, 237.5, 243, 243.41, 246, 246.4, 251, 251.6, 252.3, 252.4, 253, 253.1, 253.2, 274, 274.1, 274.8, 280, 280.7, 281, 281.3, 281.6, 282.1, 283.1, 283.2, 283.3, DIG.1 [IMAGE AVAILABLE]

14. 4,970,658, Nov. 13, 1990, Knowledge engineering tool; Gary L. Durbin, et al., 395/76; 364/DIG.1; 395/11, 54, 64 [IMAGE AVAILABLE]

15. 4,918,588, Apr. 17, 1990, Office automation system with integrated image management; Richard M. Barrett, et al., 395/600; 364/222.2, 222.3, 222.81, 225, 225.1, 225.4, 225.6, 231, 232.8, 236.2, 236.6, 237.2, 237.3, 237.82, 238.3, 238.4, 240, 240.1, 243, 243.5, 244.6, 249.4, 259, 260.6, 274.1, 275.1, 276.7, 280, 281.3, 281.4, 282.1, 283.4, 284, 284.3, DIG.1 [IMAGE AVAILABLE]

=> D 16-25

16. 4,914,590, Apr. 3, 1990, Natural language understanding system; Robert B. Loatman, et al., 364/419.08, 267, 267.8, 274, 274.1, 274.3, 274.8, 275, 275.1, 275.8, 275.9, 280, 280.4, 282.1, 286, 286.3, DIG.1 [IMAGE AVAILABLE]

17. 4,914,583, Apr. 3, 1990, Method of indicating processes resident within a cell of a data processing system; Bernhard P. Weisshaar, et al., 395/650; 364/228.2, 229, 232.1, 239, 239.3, 240.8, 241.8, 242.94, 242.95, 246.6, 246.7, 260, 260.3, 268, 269.4, 280, 280.6, 281.3, 281.7, 281.8, 284, 284.1, 284.3, 284.4, DIG.1 [IMAGE AVAILABLE]

18. 4,893,307, Jan. 9, 1990, Method and apparatus for linking SNA terminals to an SNA host over a packet switched communications
    network ; Douglas B. McKay, et al., 370/94.1, 60 [IMAGE AVAILABLE]

19. 4,858,146, Aug. 15, 1989, Automated design of structures using a finite element   database ; Nader O. Shebini, 364/512, 578, 916.3, 920.2 [IMAGE AVAILABLE]

20. 4,835,685, May 30, 1989, Virtual single machine with message-like hardware interrupts and processor exceptions; Andrew I. Kun, 395/650; 364/222.2, 228.3, 232.1, 232.7, 234, 235, 236.2, 236.3, 237.2, 240.8, 242.4, 242.94, 242.95, 243, 244, 244.6, 248.1, 248.2, 252, 280, 280.8, 280.9, 281.3, 281.7, DIG.1 [IMAGE AVAILABLE]

21) 4,835,683, May 30, 1989, Expert information system and method for decision   record   generation; Clarence W. Phillips, et al., 395/11; 364/222.2, 222.3, 228.3, 232.8, 234, 235, 236.2, 237.1, 237.2, 238.5, 242.4, 243, 244, 244.6, 248.1, 274, 274.1, 274.2, 274.3, 275.1, 276.4, 282.1, 283.4, 286, 286.1, 286.3, DIG.1; 375/8; 379/9; 395/54 [IMAGE AVAILABLE]

22.   4,811,207, Mar. 7, 1989, Join operation processing system in
   distributed   data   base   management system; Sakayuki Hikita, et
al., 395/600; 364/242.94, 242.96, 264, 264.6, 271.5, 280, 281.3, 281.8,
282.1, 282.4, 283.1, 283.4, 284, 284.4, DIG.1 [IMAGE AVAILABLE]

23.   4,805,134, Feb. 14, 1989, Electronic system for accessing graphical
and textual information; Seraphin B. Calo, et al., 395/600; 364/918.7,
919, 919.5, 927.2, 927.61, 927.62, 927.63, 927.631, 931, 931.4, 940,
940.61, 940.62, 940.64, 948.11, 948.3, 949.4, 949.96, 957, 957.1, 958.5,
961.2, 962, 962.1, 964, 964.2, 965, 965.4, 969, 969.1, 969.4, 974, 974.1,
974.2, 974.4, 974.6, 974.7, 978, DIG.2; 395/100, 161 [IMAGE AVAILABLE]

24.   4,754,395, Jun. 28, 1988,   Network   interface module with
minimized data paths; Bernhard P. Weisshaar, et al., 395/650; 364/DIG.1
[IMAGE AVAILABLE]

25.   4,754,326, Jun. 28, 1988, Method and apparatus for assisting user of
information retrieval systems; Anthony Kram, et al., 395/600; 364/DIG.2;
379/96 [IMAGE AVAILABLE]

=> D 26-30

26.   4,751,635, Jun. 14, 1988,   Distributed   management support system
for software managers; Michael A. Kret, 395/600; 364/DIG.1 [IMAGE
AVAILABLE]

27.   4,694,396, Sep. 15, 1987, Method of inter-process communication in a
   distributed   data processing system; Bernhard P. Weisshaar, et al.,
395/200; 364/222.2, 222.5, 228, 228.2, 228.3, 228.5, 229, 229.4, 230,
230.3, 232.1, 232.7, 238.1, 242.94, 242.95, 244, 244.3, 251, 251.6, 253,
253.1, 254.8, 254.9, 263, 284.4, DIG.1 [IMAGE AVAILABLE]

28.   4,631,673, Dec. 23, 1986, Method for refreshing multicolumn tables
in a   relational   data   base   using minimal information; Laura M.
Haas, et al., 395/600; 364/222.82, 283.4, 962.1, 974.4, DIG.1 [IMAGE
AVAILABLE]

29.   4,570,217, Feb. 11, 1986, Man machine interface; Bruce S. Allen, et
al., 364/188, 191, 919, 921.4, 921.8, 921.9, 926, 926.9, 926.92, 927.3,
927.4, 928, 929.2, 929.3, 935, 935.2, 935.4, 935.41, 940.61, 940.62, 941,
949, 949.3, 959.1, 968, 969, 969.1, 977, DIG.2 [IMAGE AVAILABLE]

30.   4,429,385, Jan. 31, 1984, Method and apparatus for digital serial
scanning with hierarchical and   relational   access; Richard J.
Cichelli, et al., 370/92; 340/825.52; 364/918, 918.9, 919, 919.2, 927.2,
928, 932.8, 938, 938.4, 942, 942.08, 962, 963, 963.5, 974, 974.1, 974.3,
974.4, 974.5, 974.6, DIG.2 [IMAGE AVAILABLE]

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